

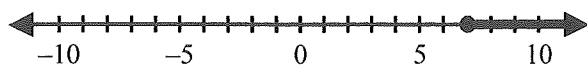
Quiz 6.1 and 6.2 Review

Name: _____

Date: _____

Period: _____

1. Which inequality does the graph represent?



[A] $x < 7$

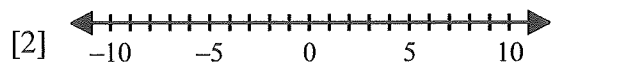
[B] $x > 7$

[C] $x \geq 7$

[D] $x \leq 7$

[1] _____

2. Graph $m > -4$ on a number line.



[2] _____

Solve the inequality.

3. $x + 39 < 25$

[A] $x > -14$

[B] $x < -14$

[C] $x > 64$

[D] $x < 64$

[3] _____

4. $x + \left(-\frac{3}{2}\right) \geq -\frac{7}{9}$

[A] $x \geq -\frac{41}{18}$

[B] $x \geq \frac{13}{18}$

[C] $x \geq -\frac{13}{18}$

[D] $x \geq \frac{18}{13}$

[4] _____

5. $m - 9.7 \leq -63.1$

[5] _____

6. $5z < 20$

[A] $z < 100$

[B] $z > 4$

[C] $z < 4$

[D] $z > 100$

[6] _____

Solve the inequality.

7. $\frac{x}{-9} < 5$ [A] $x > -45$ [B] $x < 14$ [C] $x \geq -4$ [D] $x \geq 0$

[7] _____

8. $\frac{x}{8} \leq 6$

[8] _____

9. $-8z < -40$

[9] _____

10. $-\frac{x}{2} + 3 > 7$ [A] $x < -8$ [B] $x < -2$ [C] $x > -8$ [D] $x \geq -2$

[10] _____

11. $4x - 3 \geq 2(x + 3)$ [A] $x < 4.5$ [B] $x > 4.5$ [C] $x \geq 4.5$ [D] $x \leq 4.5$

[11] _____

12. $-4 + 0.3x \geq 0.4(x + 5)$

[12] _____

13. $18b - 1 \leq 19b + 7$

[13] _____